Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1   1.   (Previously presented) A method for messaging with devices in order to

2   perform one or more actions, the method comprising:

3   storing action information at a computer system that acts as an intermediary for

4   devices to access a set of one or more applications to perform the one or more actions, the stored

5   action information providing an action identifier identifying each action in the one or more

6   actions and a mapping between the action identifier and information specifying how the

7   computer system interacts with at least one application in the set of one or more applications to

8   perform the action corresponding to the action identifier;

9   storing message state information at the computer system that is unique to a

10   message to be sent to a device, the message state information providing a message identifier

11   automatically generated by the computer system to uniquely identify the message to be sent to a

12   device and a mapping between the message identifier automatically generated by the computer

13   system and the stored action information;

14   sending the message to a device using the computer system, the message sent to

15   the device including the message identifier automatically generated by the computer system to

16   uniquely identify the message and one or more action identifiers corresponding to actions

17   represented in the message;

18   receiving a response message from the device at the computer system, the

19   response message including the message identifier of the message sent to the device and at least

20   one of the one or more action identifiers for the actions represented in the message sent to the

21   device;

22   retrieving the stored message state information that is unique to the message sent

23   to the device using the computer system to obtain the mapping between the message identifier

24   and the stored action information based on the message identifier received in the response

25   message from the device;

26   retrieving action information corresponding to an action in the one or more

27   actions using the computer system from the stored action information based on the at least one of

28   the one or more action identifiers for the actions represented in the message sent to the device

29   and the mapping between the message identifier and the stored action information; and

30   performing the action using the retrieved action information.

1   2.   (Original) The method of claim 1, wherein the action information

2   comprises information compatible with a web-based application, wherein the web-based

3   application is used to perform the action.

1   3.   (Original) The method of claim 1, wherein the sent message comprises a

2   text-based message and the response message comprises a text-based message.

1   4.   (Original) The method of claim 1, further comprising sending a result of

2   the performed action to the device.

1   5.   (Previously presented) The method of claim 1, further comprising:

2   determining information indicative of the device based on the response message;

3   and

4   wherein retrieving the stored information associated the message comprises

5   determining the stored information in response to the message identifier and the information

6   indicative of the device.

1   6.   (Previously presented) The method of claim 5, wherein the information

2   indicative of the device comprises at least information specific to the device and information

3   specific to a user associated with the device.

1   7.   (Previously presented) The method of claim 1, wherein sending the

2   message to the device comprises sending the message to a mobile device.

1   8.   (Previously presented) A method performed by a computer system for

2   messaging with devices in order to perform one or more actions, the method comprising:

3   receiving first information at the computer system identifying one or more actions

4   performed by applications accessible to the computer system;

5   storing second information using the computer system that enables the computer

6   system to perform the identified one or more actions performed by applications in a set of one or

7   more storage devices associated with the computer system;

8   receiving a message identifier at the computer system that uniquely identifies a

9   message to be sent to a device;

10   generating a mapping with the computer system between the message identifier

11   and the first information identifying the one or more actions performed by applications

12   accessible to the computer system;

13   storing third information using the computer system that enables the computer

14   system to maintain a unique state of the message to be sent to the device in a set of one or more

15   storage devices associated with the computer system, the third information including the

16   message identifier and the mapping;

17   sending the message to the device, the message sent to the device including the

18   message identifier of the message and the first information identifying the one or more actions

19   performed by applications accessible to the computer system;

20   receiving a text message from the device using the computer system, the text

21   message including the message identifier of the message and information identifying a desired

22   action in the one or more actions performed by applications accessible to the computer system;

23   retrieving using the computer system the stored third information that includes the

24   unique state of the message sent to the device based on the message identifier of the message;

25   retrieving using the computer system the stored second information based on the

26   mapping in the stored third information between the message identifier and the first information;

27   and

Appl. No. 10/687,219
Amdt. dated July 13, 2011
Reply to Office Action of April 13, 2011

PATENT

28   causing the desired action to be performed by the application using the computer

29   system in response to the stored second information.

1   9.   (Previously presented) The method of claim 8, wherein the second

2   information that enables the identified one or more actions to be performed comprises state

3   information for a web-based application.

1   10.   (Previously presented) The method of claim 9, wherein the state

2   information for the web-based application comprises a URL.

1   11.   (Original) The method of claim 8, wherein the sent message comprises a

2   plain-text message.

1   12.   (Original) The method of claim 8, wherein the text message comprises a

2   plain-text message.

1   13.   (Previously presented) The method of claim 8, further comprising:

2   determining information indicative of the device and a user associated with the

3   device; and

4   wherein retrieving the portion of the stored information comprises determining

5   the stored information in response to the information indicative of the device and the user

6   associated the device.

1   14.   (Original) The method of claim 8, further comprising sending a result of

2   the performed action to the device.

1   15.   (Previously presented) An actionable messaging device for generating

2   and processing messages to determine actions to perform, the actionable messaging device

3   comprising:

4   a processor; and

5   a memory coupled to the processor and configured to store processor-executable

6   code including:

7   a message generator configured to generate messages identifying one or

8   more actions, each of the messages generated by the message generator including a message

9   identifier generated by the message generator to uniquely identify the message and one or more

10 action identifiers for one or more actions represented in the message;

11   an information storer configured to store:

12   action information providing one or more action identifiers

13 identifying one or more actions to be performed by one or more applications and a mapping

14 between each of the one or more action identifiers and information specifying how to interact

15 with a set of applications in the one or more applications to perform an action in the one or more

16 actions corresponding to the action identifier, and

17   message state information that is unique to each message generated

18 by the message generator and sent to a device, the message state information for each message

19 providing the message identifier generated by the message generator to uniquely identify the

20 message and a mapping between the message identifier and the stored action information;

21   a receiver configured to receive a response message from a device to

22 which a message was sent, wherein the response message includes a message identifier of the

23 message sent to the device and at least one of a set of action identifiers in the message sent to the

24 device;

25   an action determiner configured to:

26   retrieve the stored message state information that is unique to the

27 message send to the device based on the message identifier of the message sent to the device in

28 the response message to obtain the mapping in the stored message state information between the

29 message identifier, and

30   retrieve action information from the stored action information for

31 an action in the one or more actions in response to the at least one of the set of action identifiers

32 received in the response message; and

33   an action performer configured to cause at least one application to perform

34 at least one action determined by the action determiner using the stored action information.

1   16.   (Original) The device of claim 15, wherein the generated message

2 comprises a text message.

1   17.   (Original) The device of claim 15, wherein the response message

2 comprises a text message.

1   18.   (Original) The device of claim 15, wherein the one or more actions

2 comprise web-based actions.

1   19.   (Previously presented) The device of claim 15, wherein the action

2 determiner determines the stored second information using at least the message identifier for the

3 message sent to the device and information specific to the response message.

1   20.   (Previously presented) The device of claim 19, wherein the information

2 specific to the response message comprises information specific to a user.

1   21.   (Previously presented) A system configured to perform actionable

2 messaging, the system comprising:

3   one or more devices;

4   an application configured to perform one or more actions; and

5   an actionable message device configured to communicate with the one or more

6 devices and the application, the actionable messaging device comprising at least one processor

7 and at least one memory coupled to the at least one processor and configured to store processor

8 executable code including:

9   a message generator configured to generate messages identifying one or

10 more actions, each message generated by the message generator including a message identifier

11 generated by the message generator to uniquely identify the message and one or more action

12 identifiers for actions represented in the message;

13   an information storer configured to store:

14   action information providing one or more action identifiers

15   identifying one or more actions to be performed by the application and a mapping between each

16   of the one or more action identifiers and information specifying how to interact with the

17   application to perform an action in the one or more actions corresponding to the action identifier,

18   and

19   message state information that is unique to each message generated

20   by the message generator and sent to a device, the message state information for each message

21   providing the message identifier generated by the message generator to uniquely identify the

22   message and a mapping between the message identifier and the stored action information;

23   a receiver configured to receive a response message from a device

24   to which a message was sent, wherein the response message includes a message identifier of the

25   message sent to the device and at least one of a set of action identifiers in the message sent to the

26   device;

27   an action determiner configured to:

28   retrieve the stored message state information that is unique

29   to the message send to the device based on the message identifier of the message sent to the

30   device in the response message to obtain the mapping in the stored message state information

31   between the message identifier, and

32   retrieve action information from the stored action

33   information for an action in the one or more actions in response to the at least one of the set of

34   action identifiers received in the response message; and

35   an action performer configured to cause the application to perform

36   at least one action determined by the action determiner using the stored action information.

1   22.   (Original) The system of claim 21, wherein the one or more devices

2   comprise mobile devices.

1   23.   (Original) The system of claim 22, wherein the mobile devices are

2   configured to receive messages exclusive of web-based messages.

1   24.   (Original) The system of claim 22, wherein the mobile devices are

2   configured to send messages exclusive of web-based messages.

1   25.   (Original) The system of claim 21, wherein the application comprises a

2   web-based application.